
Software Audit (LD 44)

LD 44 monitors system operation and provides an indication of the general state of system operation. The program is concerned with the system software. When a software problem is encountered, the program attempts to clear the problem automatically.

Audit messages are not to be interpreted as hardware faults though certain codes can indicate hardware-related problems. Ignore the audit outputs for normal system maintenance, when classifying and isolating faults. When audit outputs are excessive or continue to occur, the problem must be reported.

*CRINFO = Any Call Register (CR) information that follows an AUD message consists of: CR pointer, the progress mark word, and the originating and terminal numbers contained in the CR (4 words in total).

AUD messages

AUD0000	One pass made by audit. No errors detected. System software OK. No action to be taken.
AUD0001	An attendant CR pointer is pointing outside the Call Register (CR) range. Source list or destination pointer set to nil. Terminal Number (TN), CR information, attendant loop and progress mark are output.
AUD0002	Attendant CR pointer is pointing to CR which does not contain its TN. Source list or destination list set to nil. TN, CR information attendant loop and progress mark are output.
AUD0003	Station active Call Register pointer is outside CR range. Active CR pointer set to nil. TN, CR information and progress mark are output.

AUD0004	Digitone receiver is pointing to CR which does not contain its TN. Active Call Register of Digitone receiver set to nil. TN, CR information and progress mark are output.
AUD0005	Station (line, trunk) pointing to CR which does not contain its terminal number. Active Call Register set to nil. TN, CR information and progress mark are output.
AUD0006	Given queue has incorrect block length. Length in queue block is corrected.
AUD0007	Given block was found in queue but QUEUE UNIT block pointer was incorrect. Queue is corrected. Block pointer, type, queue.
AUD0008	Conference pointer is pointing to CR outside of CR range. Conference pointer is set to nil. CR information, conference loop, conference slot and progress mark are output.
AUD0009	Conference pointer is pointing to CR which does not contain its conference loop, time slot or TN. Conference pointer is set to nil. CR information, conference loop, conference slot and progress mark are output. If repeated, fault may be in conference card.
AUD0010	Conference pointer is pointing to CR which does not have originating type as conference. Action: Contact your technical support group. TN, CR information and progress mark output. If repeated, fault may be in the conference card.
AUD0011	End pointer of queue not pointing to last CR in the queue. Relink. Head pointer, end pointer and queue output.
AUD0012	Link queue contains CR with its CR link outside of CR range. Relink. Head pointer, CR link, queue output.
AUD0013	The Call Register queue HEAD_PTR is not within the valid Call Register range. The queue will be rebuilt as an empty queue. QUEUE_BLOCK_PTR, HEAD_PTR, CRSTART, CREND, QUEUE.
AUD0014	Call Register not in expected queue. Link into queue. CR information, queue and progress mark output.
AUD0015	Trunk block contains incorrect TN. Correct TN.
AUD0016	CR should be unlinked. Unlinks CR. CR information and progress mark output.

AUD0017	Network even map is not the same as the network even audit map. Network map has been updated to match audit map. No action required. Output: Loop, network even map, and network even audit map.
AUD0018	Network odd map is not the same as the network odd map. Network map has been updated to match audit map. No action required. Output: Loop, network odd map, and network odd audit map.
AUD0019	Network audit indicates time slot is not in use but network memory is marked busy. Time slot is marked idle. Output: Slot address and memory contents are output. If AUD019 is repeated, particularly without AUD017 and AUT018, the fault could be in the Peripheral Signalling card. Action: Check the Peripheral Signaling card.
AUD0020	Attendant loop is greater than the allowable maximum of five. Action: Contact operating company. CR information and progress mark output.
AUD0021	TN in CR does not have pointer to this CR. TN in CR cleared. CR information and progress mark output.
AUD0022	CR for Recorded Announcement (RAN) trunk is used with incorrect TN. CR is idled.
AUD0023	Digitone receiver still attached even though progress mark not ready or dialing. Digitone receiver made idle. CR information and progress mark output.
AUD0024	CR contains invalid Digitone receiver TN. Digitone receiver TN in CR cleared. CR information and progress mark output.
AUD0025	Entering debug mode on encountering error condition.
AUD0026	Circular link queue. Relinked. Queue is output.
AUD0027	Invalid AUXPM in Call Register. Call register information is output. The Call Register is idled.
AUD0028	Call Register (CR) has no pointer to it. The CR has been released. No action required. Output: CR information, TN and progress mark
AUD0029	Bad TN in CR. No action. Contact operating company. CR information, TN and progress mark output.
AUD0030	Call Register has type AIOD (Automatically Identified Outward Dialing) but CR is not in AIOD queue. CR is idled. CR information is output.

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AUD0031	Junctor map is not the same as the junctor audit map. Junctor map is corrected. Junctor group, junctor map and junctor audit map are output.
AUD0032	Junctor audit indicates a timeslot is idle but the junctor memory is marked busy. Time slot is marked idle. Junctor address and memory contents are output.
AUD0033	Circular list of auxiliary Call Registers is broken. All known CR in the list are idled including the father CR. CR information, auxiliary CR ID, Process Type and Pointer to next auxiliary are output for each CR idled.
AUD0034	An auxiliary ARS Call Register points to a main Call Register which has an illegal main PM. The auxiliary CR is idled. CR information for the main CR and the auxiliary CR are output.
AUD0035	End of Call Detail Recording (CDR) queue reached without finding a CR for the port but the port pointer is not END_OF_QUEUE. The port pointer is set to END_OF_QUEUE. Port number is output.
AUD0036	The port is not a CDR port but the port pointer does not point to END_OF_QUEUE. The port pointer is set to END_OF_QUEUE. Port number is output.
AUD0037	The CDR queue is broken. The port pointer is set to the start of the CDR queue. Port number is output.
AUD0038	The first CR for a CDR port number has been found but the port pointer does not point to it. The port pointer is made to point to the CR. Port, CDR customer are output.
AUD0039	A CDR CR has invalid port bits set in the CR. Invalid bits are cleared. Port, CDR customer are output. Customer Data Block (CDB) should be checked for errors in data.
AUD0040	A CDR CR has been found with no port bits set while Auditing a port queue. The CR is idled. Output: port, CDR customer.
AUD0041	The successor of an RGAT CR has a higher priority than the CR itself. Successor priority is set to the CR priority. Output is 4 pairs of numbers, the first referring to the CR, the second to the successor. The pairs are RGAT priority, RGA_PM, ORIGIN and CR address.
AUD0042	Terminal does not match TN in Call Register. Terminal CR information output. RLA pointer pointing to the CR is cleared.

AUD0043	RLA Call Register pointer is not in Call Register range. Output: RLA_CR_PTR, CR information. RLA CR pointer is cleared.
AUD0044	CR with main Progress Mark of RLA_CONF_DISC found. Output: CR info. CR is idled.
AUD0045	RLA Call Register is found, but there are no pointers in the RLA block to this Call Register. Output: CR information. CR is idled.
AUD0046	Unable to TNTRANS RLA TN. Output: TN, CR information. CR is idled.
AUD0047	A talk slot is set in the Call Register but the RLA_CONF_TN is set in the RLA block while the pointer to the CR is RLA_INFO. Output: CR information. Talk slot is idled.
AUD0048	Either the originating or terminating TN is not set in an RLA CR with a talk slot. Output: CR information. Talk slot idled.
AUD0049	Unable to find protected loop block for Tone Detector (TD) slot in RLA CR. Output: TD SLOT and CR information.
AUD0050	Protected loop block found via TD slot in RLA Call Register but loop type is not TD loop. Output: PLOOP block, loop type, TD slot and CR information.
AUD0051	Protected loop block found via TD slot in RLA CR but ULOOP block pointer is nil. Output: PLOOP block, loop type, TD slot and CR information.
AUD0052	TD slot set in RLA CR but no valid TN can be found. Output: TD slot and CR information. CR is idled.
AUD0054	Main PM is CAS_INFO_TONE but the RLA_INFO pointer in the RLA block is not pointing to this Call Register. Output: CR information. CR is idled.
AUD0055	The main PM is neither ringing nor established but the pointer in the RLA block to this RLA Call Register is not RLA_DEST. Output: CR information. CR is idled.
AUD0056	Nil pointer to ACD_LIST or U_ACD_BLOCK. Output: Customer and ACD_LIST_PTR.
AUD0057	Queue ID of Automatic Call Distribution (ACD) queue is not ACD. Output: Customer, U-ACD-BLOCK-PTR, ACD queue type and queue ID. Queue ID corrected.
AUD0058	End pointer of ACD queue does not point to the last CR in the queue. Output: Customer, U_ACD_BLOCK_PTR and ACD queue type.

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AUD0059	Queue length in ACD queue block differs from number in queue. Output: Customer, U_ACD_BLOCK_PTR and ACD queue type. Queue length corrected.
AUD0060	ACD queue contains CR with pointer out of CR range. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR link. ACD queue terminated at this CR.
AUD0061	QUEUE-IN of CR in ACD queue is not ACD. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and QUEUE_IN. QUEUE_IN corrected.
AUD0062	CR in given ACD queue but AUXPM does not match. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR information. AUXPM corrected.
AUD0063	Invalid ACD AUXPM. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR information. CR idled.
AUD0064	ACD CR has son CR but it is not a RAN CR. Output: CR information for son CR and father CR. Son CR is idled.
AUD0065	DNTRANS for ACD Call Register failed. Unable to find correct queue. Output: CR info, DIGIT_WORDS 0 . CR idled.
AUD0066	Nil pointer returned from DNTRANS for ACD CR. Unable to find correct queue. Output: CR info, DIGIT_WORDS 0 .
AUD0067	CR found in main ACD queue. Output: CR information. Call Register is idled.
AUD0068	ACD block linkage broken. Output: Customer and ACD index.
AUD0069	ACD CR not in correct queue. Output: CR information. CR linked into queue according to the AUXPM.
AUD0070	CR found with MAINPM_SPECIAL while process is ACD_RAN_PROCESS. Output: CR information. CR idled.
AUD0071	CR found with MAINPM_SPECIAL and invalid process. Output: CR information. CR idled.
AUD0072	Attendant terminal in CR has no pointer to this CR. CR was being used for special function. Output: CR information. CR idled.
AUD0073	Digit display CR with MAINPM_SPECIAL but not in 2 s queue. Output: CR information. CR idled.
AUD0074	TTR attached when no TTR should be present. Output: CR information and TTR-TN. TTR is idled.

AUD0075	Trunk detected in half-disconnect state but no timing is active on the CR. Output: CR information, Trunk TN and TRUNKPM. Release message sent to trunk, active CR set to nil, TN in CR cleared.
AUD0076	Music trunk has a bad Call Register in active CR. Output: CR information. The active CR is cleared.
AUD0077	Music CALLREG has a bad conference TN. Output: CR information. The Call Register is idled.
AUD0078	Music CALLREG has a bad AUXPM. Output: CR information. The Call Register is idled.
AUD0079	Music on hold has improper CALLREG. Output: CR Information. The Call Register is idled.
AUD0080	Music dialed connection has improper CALLREG. Output: CR information. The Call Register is idled.
AUD0081	Music source has improper CALLREG. Output: CR information. The Call Register is idled.
AUD0082	Message Call Register is not in the expected queue (.QU_AUX_HSOP or .QU_AUX_HSIP). Output: Call Register information.
AUD0083	Wandering message Call Register. Output: Call Register information.
AUD0084	Call Register in cadence queue was found to contain no originating party. Any ringing will be removed from the terminating party and the Call Register will be idled.
AUD0085	CR in attendant queue has AUXCR not equal to RAN_RAN_PROCESS: CR information and queue.
AUD0086	No wanted party call present for Break-In. Break-In bit in CONLOOP reset. Output: CR Information.
AUD0087	No attendant-destination CR found for Break-In feature. Console restored to state prior to Break-In. Output: CR Information.
AUD0088	Break-In CONLOOP reset.
AUD0089	Break-In indicated but no active attendant and loop. Console returned to state prior to Break-In. Output: CR Information.
AUD0099	Invalid MAINPM. Output: CR information. CR is idled.

AUD0200	Invalid ORIGIN in Group Call (except conference circuit.) Warning message. CR information is output.
AUD0201	No Group Call customer data. Idle CR information and customer number are output.
AUD0202	No unprotected Group Call data. Warning message. Customer number and group number are output.
AUD0203	CR has no pointer to Group Call data. Set GRP_ULPTR in CR. CR information, new ULPTR and old ULPTR are output.
AUD0204	CR number does not match GRP_CALL_CRPTR position. Action: Set new CR_NO. CR information, new CR_NO, old CR_NO are output.
AUD0205	Group Call ORIG_BIT has incorrect information. Action: Set GRP_ORIG bit in CR. CR information is output.
AUD0206	Group Call busy bit not set. Action: Reset busy bit only in ORIG call. CR information is output.
AUD0207	Cannot find group data pointer in CR. Action: Reset Group Call data in CR. CR information, OLD_ULPTR are output.
AUD0208	Action: Reset Group Call data in CR. CR information is output.
AUD0209	Action: Reset one group member in Group Call. Reset group data in CR and member data. CR information and member number are output.
AUD0210	No father CR for the NFCR process.
AUD0211	AUXCR of NFCR process not in CR range.
AUD0212	Invalid main PM for NFCR process.
AUD0213	A Ring Again call is in the TOF queue.
AUD0214	ORIG timer type is invalid and has been corrected as indicated: CRPTR CRWORD(0) BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE or TIMING_BLK_PTR TN BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE.
AUD0215	TER timer type is invalid and has been corrected as indicated: CRPTR CRWORD(0) BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE or TIMING_BLK_PTR TN BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE.

AUD0216	Call Register/timing block does not belong in this queue and has been removed. CRPTR CRWORD(0) BLOCKTYPE QUEUE_IN or TRK_TIMING_PTR TN BLOCKTYPE QUEUE_IN.
AUD0217	USTM CR was not in the low priority 2 second queue. It will be linked to the queue. CRPTR CRWORD(0) BLOCKTYPE QUEUE_IN.
AUD0218	USTM CR in the low priority 2 second queue has a bad ORIGN. The CR will be idled. *CRINFO
AUD0219	Only trunk calls can be USTM timed. The CR will be idled. *CRINFO
AUD0220	The ORIGN of the USTM CR was not a trunk. It will be corrected. *CRINFO ORIGN
AUD0221	USTM_TIMING_CR in the trunk block does not point to the correct USTM CR. It will be corrected. *CRINFO USTM_TIMING_CR
AUD0222	An invalid USTM CR was encountered. The CR will be idled. *CRINFO USTM_TIMING_CR
AUD0223	No more USTM timing is required on this trunk. The timing will be terminated. *CRINFO
AUD0300	Invalid son type.
AUD0301	Signaling son register with invalid main PM in the Call Register.
AUD0302	Invalid testline type or index in CR.
AUD0303	CR not in customer data block.
AUD0304	Invalid testline PM in CR.
AUD0305	Invalid state type combination.
AUD0306	Invalid TN type for testline call.
AUD0307	TN's active CR does not point to CR.
AUD0308	DLI Channel was idled as a result of the network map Audit TERMINAL TN, GROUP/LOOP, DLI_CHANNEL (1-24)
AUD0309	DLI Channel used for CSL was found idle. Channel is forced to BUSY status. GROUP/LOOP

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AUD0310	DLI Channel with DISABLED or MAINTENANCE-BUSY status was found idle. Channel is forced to BUSY status. GROUP/LOOP, DLI CHANNEL (1-24)
AUD0311	DLI Channel assignment data is inconsistent. Channel found BUSY is forced to IDLE status. GROUP/LOOP, DLI CHANNEL (1-24)
AUD0312	Assigned DLI Channel was found idle. Channel is forced to BUSY status. TERMINAL TN, GROUP/LOOP, DLI_CHANNEL (1-24)
AUD0313	Invalid screen state on M3000 TOUCHPHONE in dialtone queue. The valid state is DIALTONE state or CONFERENCE/TRANSFER/DIALTONE state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE
AUD0314	Invalid screen state on M3000 TOUCHPHONE in ringing queue when transfer indication is set. The valid state is TRANSFER RINGBACK or CONFERENCE RINGBACK state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE
AUD0315	Invalid screen state on M3000 TOUCHPHONE in ringing queue when transfer indication is not set. The valid state is RINGBACK state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE. This applicable on all phases.
AUD0316	DLI channel was still assigned to a station after the channel was either idled or reassigned. The assignment was cleared. BCS station TN, group/loop, DLI channel number (1-24).
AUD0317	A BCS station has an out-of-range channel assignment (greater than 24) probably due to data corruption of the unprotected BCS unit block. The assignment was cleared. BCS station TN, group/loop, DLI channel number (1-24).
AUD0318 DATA	Target TOF queue pointers to source TOF queue are incorrect. No action required, error has been corrected. Output data: Customer number, target and source ACD-DN.
AUD0319	LLC BLKING or LLC BLKING VAL is corrupted.
AUD0320	Target ACD-DN already answering calls for the maximum amount of source queues. Customer, Target ACD-DN, Source ACD-DN; No action required.
AUD0321	Cannot set ACD pointers for ORIGTN in the Idle Agent Queue. Action: Take CR out of the Idle Agent Queue.

AUD0322	Although the priority is set in the Call Register, there is no pointer to the Priority Agent Table in the Unprotected Data for the ACD data block. Action: Clear the Agent Priority in the CR. {Priority in CR} {Agent's Priority} {ACD-DN}
AUD0323	The Priority set in the Agent's block does not match the Priority in the Call Register for the Idle Agent Queue. {CR Priority} {Agent Block Priority} {Cust No} {ACD-DN}
AUD0324	The Priority Agent's Call Register is in queue, but the pointer for that priority in the Priority Agent Table equals END_OF_QUEUE. Action: Take the CR out of the Idle Agent Queue and put back in the proper place. {Priority} {Customer No} {ACD-DN}
AUD0325	The Priority Agent's CR is in queue, but the pointer for that priority in the Priority Agent Table does not point to the last Call Register of that priority. Action: Update the pointer in the priority agent table to point at the last CR of that priority. {Priority} {Customer No} {ACD-DN}
AUD0326	Account Call Register found, but the package is not enabled. AUXPM OF .ACD_ACNT_ENTRY, BUT .ACD_ACCT_PKG RESTRICTED *CRINFO. Action: Darken ACNT lamp, idle CR and clear pointer in agents block.
AUD0327	ORIGTN of Account CR is not an ACD AGENT. *CRINFO. Action: Darken ACNT lamp, idle CR and clear pointer in agents block.
AUD0328	Agent is not active on an ACD call. *CRINFO. Action: Darken ACNT lamp, idle CR and clear pointer in agents block.
AUD0329	Account Key is not allocated to ACD set corresponding to Account Call Register. ORIGKEY in the ACNT CR is not an ACNT key. *CRINFO. Action: Idle CR and clear pointer in agents block.
AUD0330	Account key is found to be in an improper state. The ACNT key is dark, but NO_ACT_CODE_ENT is .TRUE. *CRINFO. Action: Clear the NO_ACT_CODE_ENT field in agent's block.
AUD0331	An FGD auxiliary Call Register is associated with an incoming FGDT trunk, but the trunk does not recognize this Call Register as its auxiliary CR. The FGD auxiliary CR is idled. Output data is AUX_FGD_CRINFO, FGD_TN, FGD_AUX_CR (address of CR and FGD fields in the AUX Call Register).

- AUD0332 DATA An FGD auxiliary Call Register is associated with a terminal that is not an incoming FGDT trunk. The FGD auxiliary CR is idled. Output data is AUX_FGD_CRINFO, FGD_TN, FGD_AUX_CR (address of CR and FGD fields in the aux Call Register).
- AUD0334 Call Register found in main APL output queue. Call Register is idled. APL_NO, LINK_NO:CRPTR, CRWORD 0 - 3, *IMS_MSG
- AUD0335 An APL Call Register is floating around. Call Register is idled. APL_NO, LINK_NO:CRPTR, CRWORD 0 - 3, *IMS_MSG
- AUD0336 QUEUE_ID of Call Register in APL output queue is not APL. QUEUE_ID is corrected. APL_NO, QUEUE_ID
- AUD0337 The end pointer in APL output queue is not pointed to the last element in the queue. END_PTR is reset to point to the last element in the queue. APL_NO, LINK_NO:ENDPTR, CRWORD[0 -3], *IMS_MSG
- AUD0338 Queue length in APL queue block differs from number in queue. Queue length corrected. APL_NO, LINK_NO:ENDPTR, CRWORD[0 -3], *IMS_MSG.
- AUD0339 Queue contains CR with pointer outside of CR range. The queue is terminated at the previous block. APL_NO, LINK_NO:PROCESSINGPTR, CRWORD[0 -3], IMS_MSG.
- AUD0340 QUEUE_IN of APL CR is not APL. Reset QUEUE_IN to APL queue id. APL_NO, LINK_NO:PROCESSINGPTR, CRWORD[0 -3], *IMS_MSG.
- AUD0341 For empty queue, processing pointer is not equal to END_OF_QUEUE.
Action: Reset processing pointer to END_OF_QUEUE. APL_NO, PROCESSINGPTR, QUEUE_PTR.
- AUD0342 For empty queue, end pointer is not pointing back to queue data block.
Action: Reset end pointer to END_OF_QUEUE. APL_NO, ENDPTR, QUEUE_PTR
- AUD0354 Status update PM out-of-range.
- AUD0355 No ACD CR is associated with the main CR for telset messaging CR. *CRINFO
- AUD0360 LINK_Q_HDR is NIL (IMS package restricted), but APL port is configured.
- AUD0364 ACD Call Register has son Call Register but is neither a RAN nor a call park recall.

AUD0367	No father Call Register linked to parked son CR. *CRINFO, PARKPM, CALL PARK ACCESS ID, PARKING PARTY TN, RECALL_ATTN_INDEX Son CR is idled.
AUD0368	No son register linked to parked father CR. Son CR is idled. *CRINFO
AUD0370	Data base of Server {VAS ID} cannot be audited. The Command and Status Link to the Server is disabled. {VAS ID} Note: parameters in decimal.
AUD0371	Data base audit of Server {VAS ID} is stopped due to error when sending AUDIT CSL message on SL-1. {data element id} identifies the data element being audited when the message was sent. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0372	Data base audit of Server {VAS ID} is stopped when auditing given data element. There was no response from the Server to the SL-1 audit CSL messages. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0373	Data base audit of Server {VAS ID} is stopped by the Server audit program. {VAS ID} {cust no} Note: parameters in decimal.
AUD0374	Error in the Server {VAS ID}'s data base for the given SL-1 administered data element was detected. The data has been added or modified. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0375	Server {VAS ID} audit removed given SL-1 administered data element from the Server's data base. The data element does not exist in the SL-1 data base. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0376	Error has been detected in the SL-1 data base for the given Server administered data element. The data has been added or modified. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0377	SL-1 audit removed given Server administered data element from the SL-1 data base. The data does not exist in Server {VAS ID}'s data base. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0378	Data base audit of Server {VAS ID} is stopped because there were not enough Call Registers available. {VAS ID} Note: parameters in decimal.
AUD0379	ADDON_LINK of add-on in the idle queue is not within the valid add-on range. The queue will be ended at the last valid add-on. (Generic X08). LAST ELEMENT, ADDON_LINK, QUEUE

AUD0380	HEAD_PTR of the idle addon queue is out of valid addon range. The queue will be treated as an empty queue (X08). QUEUE_BLOCK_PTR, HEAD_PTR, CR_ADDON_START, CR_ADDON_ENQUEUE.
AUD0381	Call Reference # does not match in U_CREF_TAB. Call Register being audited was pointing to an addon that was either in the idle queue or was not pointing back to this Call Register.
AUD0389	The Agent's CR is not ordered correctly according to its priority in the Idle Agent Queue. Action: Take the CR out of the Idle Agent Queue and put it back in the proper order. {Priority} {Customer No.} {ACD-DN}
AUD0390	Data base mismatch has been detected in Server {VAS ID}'s data base for the given SL-1 administered data element. The error cannot be repaired by Audit. Action: The craftsperson should load the appropriate Overlay program and remove the data. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0391	Data base mismatch has been detected in the SL-1's data base for the given Server {VAS ID} administered data element. The error cannot be repaired by Audit. Action: The craftsperson should use the appropriate Server Administration program to remove the data. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0392	MSG CR in the UNP. Trunk block is nil, but active CR is not nil.
AUD0393	MSG CR in the UNP. Trunk block is not nil, but active CR is nil.
AUD0394	MSG CR and active CR in the UNP. Trunk block is nil, but active CR in the call reference table is not nil.
AUD0395	MSG CR & active CR in the UNP. Trunk block is not nil, but MSG CR in the call reference table is nil.
AUD0396	MSG CR in the call reference table is nil, but U_CALL_REF_# is not zero.
AUD0397	MSG CR in the call reference table is not nil, but U_CALL_REF_# is zero.
AUD0398	TNTRANS failed when MSG_CR = NIL.
AUD0399	MSG_CR = NIL, but active CR = NIL.

AUD0400	CREF_MSG_CR = NIL & C_CALL_REF = 0. Action: Run Audit again. You may need to run Audit several times until AUD400 no longer appears.
AUD0401	Radio paging son Call Register in meet-me queue has no father. Call Register will be removed from the queue. RPA_SON_INFO.
AUD0402	Radio paging father Call Register has no son in meet-me queue. The paging trunk will be idled. RPA_FATHER_INFO.
AUD0403	Radio paging father Call Register has mainpm = .ringing but the auxpm of the son is not rpa_recall_attn. RPA_FATHER_INFO RPA_SON_INFO.
AUD0404	The trunk in the tertn of the son Call Register is not a radio paging trunk. The trunk will be idled. RPA_FATHER_INFO.
AUD0405	The trunk in the tertn of the son Call Register has an invalid system type for radio paging. The trunk will be idled. RPA_FATHER_INFO.
AUD0406	The trunk in the tertn of the son Call Register has a non existent route number. The trunk will be idled. RPA_FATHER_INFO ROUTENO RPA_SON_INFO.
AUD0407	The trunk in the tertn of the son Call Register is invalid. RPA_FATHER_INFO RPA_SON_INFO.
AUD0408	The tertn of the son Call Register is not a trunk. A normal station-to-station call will be established with the origtn and tertn in the father Call Register. RPA_FATHER_INFO RPA_SON_INFO.
AUD0409	The rpa_paged_dn in the father Call Register does not translate to the rap_psa_code in the son Call Register. The rpa_psa_code in the son Call Register will be changed to match the rpa_paged_dn in the father Call Register. RPA_FATHER_INFO RPA_SON_INFO.
AUD0410	The Call Register used for post dialing has an invalid origtype. CRINFO.
AUD0411	Call Register with auxpm .prep_for_accd is not being used for post dialing. CRINFO.
AUD0412	Call Register used for post dialing does not have the auxpm = .prep_for_accd or .ffc_acod. CRINFO.
AUD0413	Call Register is collecting radio paging digits but does not have an rpa_cc_pm value. CRINFO.

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AUD0416	No tone and digit timeslots are marked in the Call Register used for TDS signaling. CR is idled.
AUD0417	ORIGTYPE says CR is TDCKT_CR but NWK_CALL_ID says CR is not used for signaling. CR is idled.
AUD0418	CMF_TN of active CMF S/R not correct. CMF_TN set to terminal.
AUD0419	MFE_TN of active MFE S/R not correct. MFE_TN set to terminal.
AUD0420	A trunk was found to be in a lockout state. It will be idled. *CRINFO TRUNK_TN TRUNKPM
AUD0421	A call with MAINPM = .BUSY was found not to have any tone given nor was it in any valid timing queue. The call will be given busy tone.
AUD0422	a b c d e f g h i A call with MAINPM = .REORDER was found not to be receiving nor waiting for overflow tone. Overflow tone will be given. Where: a = CR Addr MAINPM/AUXPM b = Originating Type c = Originating TN d = Terminating Type e = Terminating TN f = QUEUE IN g = CR Dialed DN h = Digit Words (0) i = Queue Type
AUD0423	AUDIT has detected an inconsistent DPNSS1 MWI table. Action: The ADUIT programme resets the inconsistent information. Make a software correction.
AUD0441	A Call Register with MAINPM = .DIALING was not attached to the ORIGTN in the CR. CR has been idled = CRINFO.
AUD0442	A Call Register with non-nil CRLINK does not have a QUEUE_ID. CRLINK has been set to NIL - CRINFO, CRLINK.
AUD0443	CR has QUEUE_ID, but CR was not found in that queue. CR placed in queue indicated by queue ID. CRINFO, EXPECTED QUEUE, ACTUAL QUEUE.

AUD0444	A dialing CR contains TRK to TRK connection with extended external ID, but CR is not in slow answer recall timing. CRINFO, EXPECTED QUEUE, ACTUAL QUEUE.
AUD0445	Established CR is not pointed to by ORIGN. CR will be idled. CRINFO
AUD0446	Established CR is not pointed to by TERTN. CR will be idled. CRINFO
AUD0447	Established TRK to TRK connection has extended external ID, but terminating trunk has not been answered and CR does not reside in QU_RING or QU_2S. CRINFO.
AUD0448	Invalid TERTN found in procedure ringing. CRINFO.
AUD0449	CR, with either MIX or 500 set as TER, cannot be found in the 100 ms or the ringing queue. The CR will be placed in the 100 ms queue. CRINFO, expected queue, actual queue.
AUD0450	Established CR is not pointed to by TERTN. CR will be idled. CRINFO
AUD0451	Incoming TIE/NWK trunk was found in HALFDISC, but was not being monitored. A disconnect attempt will be made on the trunk. CRINFO, TERMINAL.
AUD0453	Incoming TIE/NWK trunk was found in an invalid state. One disconnect attempt will be made on the trunk. CRINFO, TERMINAL.
AUD0454	Call Register with MAINPM = established does not have any TNs in the Call Register. CR is idled. CRINFO
AUD0455	Call Register indicates it has an ARS SON CR, but no ARS SON can be found. CRINFO
AUD0456	Call Register with MAINPM = RINGING is connected to the ORIGN, but has a TERTN of zero. Disconnect attempt will be made on the ORIGIN. CRINFO
AUD0500	A slot is reserved as a reusable slot for one channel and as a standard slot on another channel.
AUD0501	A slot, which is shown as reserved as a reusable slot, is not reserved in any system data structure. This message is output with AUD017 and AUD018.
AUD0502	Invalid MAINPM for CR with son CR for periodic Camp-On tone. CR information and MAINPM are output.
AUD0503	No father CR is linked to the son CR. Call Register (CR) information is output, the son CR is idled.

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AUD0504	Invalid MAINPM for son CR periodic Camp-On tone. Call Register (CR) information and MAINPM are output.
AUD0507 TN DN	A DID number is wrongly associated with the set for (Hospitality Management). TN of set and DID number are printed. DID number is cleared
AUD0515 x y TN1 TN2	Slot y on Loop x has been reserved as a non-reusable slot for tn1, but can still be used on tn2. Procedure DTI_SLOT_AUD
AUD0516 Y R	Slot y is on a loop is reusable, but has a non-zero RESERV_COUNT value against it in the U_SLOT_SHARE_BLK. Procedure CHK_RESERV_COUNT. R = Reserve Count
AUD0517	BKI_SECRECY_BIT. The Break-In with Secrecy (BKIS) bit is set while BKIS is not active. The BKIS bit is cleared.
AUD0518	Less than 10 percent of the XMI message registers are in the idle queue.
AUD0519 i c l	A count of the XMI message registers having queue ID "l" do not match the field length for that queue's data block. i = queue ID, c = Count for message register, l = Length from the queue data block.
AUD0520 i c	The set pointers have failed for Virtual Network Services (VNS). i = VNS Index, c = Customer number.
AUD0521 i c p a	The CR pointer does not match the Virtual Network Services (VNS) Active CR. i = VNS Index, c = Customer number, p = CR Pointer, a = Active CR for VNS.
AUD0522 i c m a	In the Virtual Network Service application, there exists a VNS Index mismatch or Invalid call state. i = VNS Index, c = Customer number, m = Message CR, a = Active CR for VNS
AUD0523	Invalid MAINPM for RADIO PAGING process. *CRINFO
AUD0524	Unable to locate son CR when father CR indicates an RPA_PROCESS son type. *CRINFO
AUD0525	Invalid main PM for RPA son CR. Main PM for the Radio Paging son should be Radio Page. *RPA_SON_INFO
AUD0526	RPA state error. If RPA CALL bit is set, then RPA ANSWER cannot be set and vice versa. *CRINFO (Father)
AUD0527	Son CR found when RPA call has been answered. *FATHER_SON_INFO

AUD0528	RPA CALL bit is not set when father has an RPA Process son type. *FATHER_SON_INFO
AUD0529	Father and RPA son do not have the same ORIGNs. *FATHER_SON_INFO, ORIGN of SON CR
AUD0530	RPA father CR has trunk still attached while undergoing meet-me or recall timing. *RPA_SON_INFO
AUD0531	The RPA son is not in the meet-me queue as expected. *RPA_SON_INFO
AUD0532	The trunk is not a Radio Paging trunk. *FATHER_SON_INFO, RPA_CR_ROUTE_NUM in Son CR
AUD0533	Main PM should only go to ringing when the RPA trunk is dropped. *RPA_SON_INFO, PROCESS_TYPE of RPA SON CR
AUD0534	Invalid AUXPM for Single System RPA. AUXPM of RPA accessing is valid only for multisystem RPA configurations. *CRINFO
AUD0535	Invalid AUXPM for RPA son when AUXPM of father CR is RPA accessing. *father_son_info
AUD0536	RPA process son type expected when AUXPM of Main CR is RPA accessing. *CRINFO (Father)
AUD0537	Invalid AUXPM for RPA package unequipped. *CRINFO (Father)
AUD0538	Unable to find the father CR for this RPA son CR. *rpa_son_info
AUD0539	Invalid Main PM when RPA package is not equipped. *rpa_son_info
AUD0540	Son CR is not in the Meet-Me queue as expected. *rpa_son_info
AUD0541	TERTN of Father CR should be an RPA trunk. *Father_Son_Info
AUD0542	RPA son type is invalid for RPA_Answer state. *crinfo
AUD0543	TNtrans of the TERTN in Father CR failed. *crinfo
AUD0544	RPA system PTR is nil. *Father_Son_Info
AUD0545	SETCUSTPTRS failed. Unable to find customer pointers. *crinfo
AUD0546	No RPA son type indicated in the Father CR. *crinfo
AUD0547	SET ROUTE PTRS failed. Invalid route associated with the TERTN. *crinfo

AUD0548	No ACD CR is associated with the MAIN CR for CCR process.
AUD0549	Process type must be ICP_PROCESS (CCR).
AUD0550	DN type is not a CDN.
AUD0551	DN type is not an ACD DN.
AUD0552	CCR restoration timeslice Call Register does not point to the call to be restored.
AUD0553	The timeslice Call Register is not in the two second queue.
AUD0554	Mainpm of ICP call which is presented to an agent should be .RINGING.
AUD0555	ICP SON does not have a father CR.
AUD0557 DATA	Message CR does not match linkage in message CR table. Output data: Address of the message CR TN in the message CR Call reference number in the message CR Linkage in message CR table TN in the message CR linked from CR table Call reference number in the message CR linked from CR table.
AUD0558 DATA	B-channel packet data nail up connection between DSL B-channel and Packet Handler is broken. The DSL B-channel TN is output with the following error code and additional data: 1 = No Call Register for nail up connection. 2 = TNTRANS on PRI channel TN failed. PRI Channel TN is also output. 3 = Invalid PRI loop type. PRI channel TN is also output. 4 = PRI channel is not dedicated for the connection. Channel TN is also output. 5 = Incorrect TRUNK PM. PRI channel TN is also output. 6 = Invalid Call Register contents. Address of the Call Register, types of both originating and terminating parties, type of call and MAIN PM are also output.
AUD0559 DATA	Invalid information transfer capability (BCAP). Output data: TN, call reference number and the BCAP value stored in the message CR.

AUD0560 DATA Inconsistent message CR and CR linkages. Output data: DSL TN, call reference number and the following error code:

000001 = CR is missing and usage bit is not set. Message CR will be discarded.
 000002 = Message CR is missing and usage bit is not set. CR will be discarded.
 000005 = CR is missing. Message CR will be discarded and usage bit is cleared.
 000006 = Message CR is missing. CR will be discarded and usage bit is cleared.

For 000001 and 000005, the call reference number and the cause value in the message CR are output. For 000002 and 000006, the AUX & MAIN PMs, the originating and terminating parties' TNs and the dialed DN (in Hex) in the CR are output.

AUD0561 DATA Incorrect number of VCE/DTA calls. The number of calls stored is updated with the number of calls counted. Output data: DSL TN, type, number of calls counted and number of calls stored.

AUD0562 TN No DSL data. The TN is output.

AUD0563 The CCR_IVR_CR pointer in the CCR main Call Register does not point to its CCR IVR Call Register. The pointer will be set to point to the CCR IVR Call Register like it should. Procedure TERMCRPTR.

AUD0564 The main Call Register for a CCR IVR call connected to an IVR port is not in its CDN like it should be. Procedure TERMCRPTR.

AUD0570 The B CH link for printed {DCHNO} is blocked for outgoing calls (DCH_OTG_BUSY is set) and no outgoing call is active on the BCH link. Link is unblocked.

AUD0571 q qpnr i n h This XML queue's data block is corrupted.

q = queue being audited

qpnr = pointer to queue data block

If qpnr is not NIL, the following fields are printed from the queue data block:

i = queue ID from queue data block

n = queue length from queue data block

hpnr = pointer to head of queue

epnr = pointer to end of queue

AUD0572 q i mptr mln This XML message register has an invalid queue ID or link pointer.

q = queue being audited

i = message register's queue ID

mptr = message register pointer

mlnk = link to next message register in queue.

AUD0573 q This XML queue is corrupted. q = queue being audited.

AUD0574 i mptr This XML message register has an invalid queue ID. i = message register's queue ID, mptr = message register pointer.

AUD0575 TCAP CR is in invalid state; it will be idled.

AUD0576 DATA Call ID in CR does not match Call ID entry in internal table. Internal Table entry cleared. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

AUD0577 DATA Call ID in Call Register does not have associated pointer in Call ID Table. Call ID field in CR set to zero. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

AUD0578 DATA Table entry references CR with out of range Call ID. Call ID in CR set to zero and internal Table entry cleared. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

AUD0579 DATA Internal Call ID Table entry references conference block which does not contain expected Call ID value. Internal Table entry cleared. Output data appears as follows. {U_CONF_PTR} {Call ID}

AUD0580 DATA No conference exists for Call ID value in conference block. Associated entry in internal Call ID Table is cleared, as well as Call ID field in conf blk. Output data appears as follows:{U_CONF_PTR} {Call ID} {Conf Group}

AUD0581 DATA Out of range Call ID associated with {Conf Group} found in conference block. Call ID field in conference block set to zero. Output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}

AUD0582 DATA Call ID in conference block associated with {Conf Group} does not have associated pointer in Call ID Table. Call ID field in conference block set to zero. Output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}

AUD0583 DATA The nail up of tandem connection is not correct. Recovery is performed. Output data appears as follows:
{error number} {incoming PRI TN} {outgoing PRI TN}

Error numbers:

1 = no Call Register for the dedicated connection

3 = invalid PRI loop type

4 = PRI TN is not configured for tandem connection

5 = incorrect trunk pm

6 = invalid content at Call Register (content is printed)

8 = PRI TN does not match what is stored in the Call Register.

- AUD0587 MF S/R pointing to CR which does not contain its TN. Active Call Register of MF S/R set to nil. TN, CDR information, and progress mark are output.
- AUD0588 MFK TN of active MFK S/R not correct. MFK TN set to terminal.
- AUD0589 Procedure AUDIT_DPNSS_ISDN: TNTRANS failed on DPNSS_TN field of the DPNSS ISDN CR. This Call Register is idled.
- AUD0590 Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR does not correspond to a trunk. This Call Register is idled.
- AUD0591 Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR does not correspond to a DPNSS trunk. This Call Register is idled.
- AUD0592 Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR is not correctly linked to the unprotected DPNSS channel block. This Call Register is idled.
- AUD0593 Procedure AUDIT_DPNSS_ISDN: ACTIVECR field of the unprotected DPNSS channel block is nil. This Call Register is idled.
- AUD0598 {ORIGTN} {Login TN} TN is registered as logged into Set Based Administration but its active CR does not have an SBA process, the login session and its resources are released.
- AUD0599 TN TN is registered as logged into Set Based Administration but its active CR does not have an SBA process, the login session and its resources are released.
- AUD0600 {TN} {MAINPM} {AUXPM} TN is registered as logged into Set Based Administration but its MAINPM and AUXPM do not contain valid values. They should be: MAINPM = DIALING and AUXPM = SBA_DIALING or MAINPM = SPECIAL and AUXPM = SBA_TIMEOUT

- AUD0601 TN IDX1 IDX2 The session index being audited (idx1) contains TN as the logged in TN, however, the SBA_SESSION_IDX field in the SBA son CR contains a different session number (idx2). All resources associated with session (idx1) are released from the multi-user login tables.
- AUD0602 A TN or DN resource was found allocated to a Set Based Administration session which is no longer logged in. The resource is released
- AUD0604 Answered M911 Abandoned Calls cannot be .ESTABLISHED
- AUD0605 Illegal AUXPM for M911 Abandoned Call...should be .M911_CAB
- AUD0606 No SON CR for M911 Abandoned Call
- AUD0607 Unsuccessful check for an established EI conference: pointer AUXCR in Ublock of the Orig channel does not match the identified Unwanted CR of the EI conference.
Action: Force AUXCR the Unwanted's CR.
- AUD0608 Unsuccessful check for an established EI conference: pointer AUXCR in Ublock of the Unwanted channel does not match the identified Orig CR of the EI conference.
Action: Force AUXCR the Orig's CR.
- AUD0609 Unsuccessful check for an established EI conference: The SW could not identify the EI Originating party.
Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.
- AUD0610 Unsuccessful check for an established EI conference: The SW could not identify the EI Wanted party.
Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.
- AUD0611 Unsuccessful check for an established EI conference: The SW could not identify the EI Unwanted party.
Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.
- AUD0617 Illegal ORIGTYPE or ORIGTN info in answered M911 Abandoned Call
- AUD0618 The M911 AUX CR unprotected trunk block should not point to aux CR for an abandoned call.

- AUD0619 Unable to find the father CR for this L1MFC son CR. CRINFO is output. This CR is idle.
- AUD0620 {tn} {priority} {acd dn} An MQA ACD agent was found to have an invalid Priority value associated with an ACD DN. The priority was changed to equal the Priority value in the PRI field in the set's Protected Line Block (use OVL 20 to print TNB).
- AUD0621 {tn} {acd dn} An MQA agent was found to have a DN in its MQA data block which is not a valid ACD DN.
- Action:** Log out immediately and log back in specifying new ACD DNs.
- AUD0622 {tn} {acd dn} An MQA ACD agent was found to be serving an ACD DN that is not compatible with MQA. Specifically, one of the following prompts in OVL 23 is set for the ACD DN: IVMS, DSAC, IVR, IMS, or the DN is a CDN.
- Action:** Log out immediately and log back in specifying new ACD DNs to serve.
- AUD0623 cust route old_counter new_counter Actual number of idle trunks in route is different than number in idle-trunk-counter in route block. Counter is corrected.
- Action:** If AUD0623 occurs frequently, contact your technical support group.
- AUD0624 Busy ISPC link not associated to any end-user.
- Action:** Use overlays 60 and 80 to detect if any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.
- AUD0625 ISPC data structures corruption.
- Action:** Use overlays 60 and 80 to detect if any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.
- AUD0626 IDLE ISPC link associated to an end-user.
- Action:** Use overlays 60 and 80 to detect is any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.
- AUD0632 The VDN data structure is corrupted. Some VDN blocks may be lost.
- Action:** AUDIT has restored the recoverable VDN blocks. VDN blocks which have been lost must be recreated in LD 79.
- AUD0643 Invalid SFR feature is found from SFR call register.
- AUD0644 Invalid Application VAS ID is found from an IAGT TN.

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AUD0645	P_IAGT_BLK is not allocated for an IAGT TN. IAGT TN is deacquired.
AUD0646	IAGT_TERMINAL is updated due to mismatch with IAGT TN.
AUD0647	IAGT TN (control login ACD agent) is not linked to IAGT link.
AUD0648	Audit VAS ID is invalid.
AUD0649	The last IAGT TN pointer of the IAGT link is not referenced to the last IAGT TN from the IAGT link.
AUD0650	The TITH Call Register does not match the RAN Route data. Action: Report the problem if the condition persists.
AUD0651	The TITH CR is lost.
AUD0652	RAN Broadcast Timeslice Call Register is not in the 128ms queue.
AUD0653	The TITH Call Register is not in the 2S queue. Action: Report the problem if the condition persists.
AUD0655	Invalid attendant number in the priority buzz call register.
AUD0656	Priority buzz call register should be linked to the unprotected attendant block.
AUD0657	An Attendant Console can have only one priority buzz process call register associated with it.
AUD0658	Attendant cannot be maintenance busy or position busy when it has a priority buzz call register associated with it.
AUD0659	Analog Console associated with priority buzz call register is not supported.
AUD0660	The priority buzz call register should be in the 2 seconds timing queue.
AUD0661	Broadcast trunk list was found to be broken and was subsequently rebuilt. Action: Report the problem if the condition persists.
AUD0662	Broadcast speechpath counts were found to mismatch and were subsequently realigned. Action: Report the problem if the condition persists.
AUD0663	Tone Detector pointing to CR does not contain its terminal number. Active call register set to nil. Tn, CR information, progress makr and TDET_TN are output.